

77th SYSTEM OPERATIONS COMMITTEE MEETING: MINUTES

Agenda item TOP 13 for decision
ENTSO-E System Operations Committee Meeting
Date: 27 September 2023
Time: 08:30 – 16:15 (EEST time / UTC +3 / 1 hour ahead of CET)
Place: Helsinki/Webinar

Participants

RTE	Chair
Amprion	Vice-Chair
50Hertz	Member
APG	StG Regional Coordination Co-Convenor
APG	Member
AST	Regional Group Baltic Convenor
BALTIC RCC	RCC Representative
ČEPS	StG Strategy Convenor
Coreso	RCC Representative
Eirgrid	Regional Group Ireland Convenor
Eirgrid	StG System Resilience Co-Convenor
ELES	Member
Elia	Proxy given to 50Hertz
Elia	Guest
Elia	Guest
Energinet	StG Strategy Representative

ESO EAD	Substitute member
FINGRID	Member
FINGRID	Substitute Member
IPTO	Member
JP EMS	Member
MAVIR	Proxy on behalf of Mavir
MEPSO	Member
Nordic RCC	RCC Representative
NOS BiH	Member
OST	Member
REE	Member
REE	Guest
REN	Regional Group Continental Europe Convener
RTE	Work Stream Operational Process leader
RTE	StG Operations Convener
Statnett	Regional Group Nordic Representative
SONI	Member
Swissgrid	StG Operational Framework Convener
Swissgrid	Guest
TenneT TSO B.V.	Member
TenneT TSO GmbH*	Member
Terna	StG Regional Coordination Co-Convener
Terna	Member
Terna	Substitute Member
Terna	RDIC Representative

Terna	TSO Representative
Terna	Guest
TSCNET	RCC Representative
TSO Cyprus	Member
VUEN	TSO Representative
ENTSO-E Secretariat	Organiser

Minutes

1. Attendance, Quorum & Approval of the Agenda

The SOC Chair welcomes participants to the 77th System Operations Committee meeting which takes place in hybrid format (physical presence and teleconference). The Agenda is approved with the agreed changes.

The SOC Chair and Vice Chair update the Committee on latest news from the General Assembly, Board, Resource committee and StG T&D Interface.

The newly elected SOC Chair takes the word and provides feedback from bilateral discussions held with SOC Members, noting down the topics of interest, but as well the approach that will be given to the role during his mandate.

DECISIONS

- The SOC Chair notes that the meeting is quorate.
- The SOC Chair notes that the Agenda is approved.

2. SOC Organisation

The Secretariat informs the Members on organisational aspects, upcoming SOC decision proposals, and vacancies in the different Steering Groups and at the Secretariat within the Operations section.

The Secretariat provides updates on the results of the Q2/2023 budget forecast, as well as on the 2024 and the 5-year planning approach. Also, the Secretariat provides updates about the Multi-Lateral Agreements (MLAs) amendments planned in 2023.

The Secretariat announces the nomination of three candidate Conveners, namely for Steering Group Strategy, for Coordinated Security Analysis / Coordinated Capacity Calculation Task Team and for Working Group Probabilistic Risk Assessment. The Secretariat reminds the Members the election rules and, in this case, since only one candidate was nominated for each role, the SOC decision is enough to elect the candidate for the first two-years mandate starting 01 October 2023.

The Secretariat reminds the Members about one of the outcomes of the SOC restructuring exercise, which is the creation of a new Steering Group called Resilient Operation reflecting the merge between Steering Group Operations and Steering Group System Resilience. The Terms of Reference of the Steering Group Resilient Operation are being submitted for approval, while the Steering Group Operations and Steering Group System Resilience are proposed to be closed. Moreover, the Secretariat will launch a call for nominations for Convener and Members of the new Steering Group Resilient Operation.

The dates for the SOC 2024 meetings calendar are presented to the Members for approval.

The Secretariat provides updates on the activities conducted under the SOC-ICTC transition group, as well as on the expected timeline.

The Secretariat informs on the status of Moldelectrica's application to ENTSO-E.

The Secretariat asks approval for termination of the Multilateral Agreement on Participation in Regional Security Coordination Initiatives (MLA RSCI) as it is superseded by existing MLAs.

DECISIONS

TOP 2.3 SOC Elections of the StG Strategy, CSA CC TT, and WG PRA Conveners

SOC:

- approves the nominee from Energinet as Steering Group Strategy convener for a two-year mandate starting 01 October 2023.
- approves the nominee from TSCNET as Coordinated Security Analysis – Capacity Calculation Task Team convener for a two-year mandate starting 01 October 2023.
- approves the nominee from Terna as Working Group Probabilistic Risk Assessment convener for a two-year mandate starting 01 October 2023.

TOP 2.4 Approval of the Steering Group Resilient Operation Terms of Reference

SOC:

- approves the Terms of Reference of Steering Group Resilient Operation.
- approves the closure of the Steering Group Operations and of the Steering Group System Resilience.

TOP 2.8 Termination of the Multilateral Agreement on Participation in Regional Security Coordination Initiatives

SOC:

- acknowledges the legal assessment on the implications of terminating the Multilateral Agreement on Participation in Regional Security Coordination Initiative (MLA RSCI).
- approves the termination of the Multilateral Agreement on Participation in Regional Security Coordination Initiative in accordance with Article 27.2.

3. SOC Strategic Work Plan – Presentation of the draft plan & next steps

The SOC Chair presents the summary all the inputs collected from the SOC Strategy workshop held on 24 May 2023 and from the brainstorming session held during the SOC meeting of 21 June 2023. The SOC Chair informs about the strategy that is being defined by the Board and that the next step is to align the SOC strategic work plan with the Board strategy. In the next steps, there will be an alignment between the SOC

Chair with the SOC Conveners, while afterwards the SOC Members will be asked to review and finally approve the SOC strategic work plan.

4. Stakeholder engagement

The Steering Group Operational Framework Convener, with support from the SOC Chair, gives an overview of all the external stakeholders fora related to system operation, where ENTSO-E provides support in organisation of the meetings, but also technical expertise on different topics. The general points of interest for each of the groups are presented, sharing few details on each organisational point.

5. Ukrenergo's roadmap to access operational processes

The Work Stream Operational Processes Leader provides a status update on the actions developed since April 2023 when SOC was asked to take several decisions regarding the implementation of a roadmap that will facilitate Ukrenergo to participate in selected operational processes. All actions are completed, as planned and SOC is informed that a written voting process will be initiated at the beginning of October to further facilitate the implementation of the mentioned roadmap.

6. Updates on Flexibility Needs Assessment cross-committee project

On 14 July 2023, the System Development Committee (SDC) in lead and Research, Development and Innovation Committee (RDIC) jointly approved the "Flexibility Needs Assessment" project. A call for relevant cross-Committee expertise was launched with a deadline for 14 September 2023. Soon after the approval, the initial project team has been working on the first milestones according to the defined timeline. This is the first progress report to the SOC, identical to the one that was given to RDIC and SDC on 20 September and Market Committee on 19 September with a view to eventually raise awareness within all Committees on the developments that will be closely linked to future new obligations for ENTSO-E and TSOs and recruit interested members-experts. The ENTSO-E Board, as the main governing body, will also be informed beginning of October.

7. Regional Groups

As part of the SOC restructuring, the SOC Chair welcomes the ENTSO-E Regional Group Conveners and invites them to present and remind the SOC Members the structure and the main topics of their Groups. From now on, each Regional Group Convener, i.e., Continental Europe, Nordic, Baltics, Ireland and Northern Ireland, will participate in the SOC meetings and will report the status of the most relevant activities carried out in their respective groups.

8. Steering Group Strategy

The Steering Group Strategy Convener informs about the changes needed to be addressed in the Terms of Reference and the implementation process. He also informs about the creation of a new Working Group on European Innovative Dynamics and Protections (WG EIDP). The goal of the WG EIDP is to facilitate the technical coordination of all dynamics topics among the different ENTSO-E bodies with a pan-European point of view. The convener then updates SOC about the development of RCC task proposals and the Network Code on Demand Response and the expected next steps from SOC and TSOs.

Following the publication of the ENTSO-E Vision: ‘A Power System for a Carbon Neutral Europe’, Steering Group Strategy has started elaborating the ideas on the topics relevant for system operation. The project Concept for Controlling Distributed Devices (CCD) aims to develop a concept for a mechanism enabling TSOs to activate, when necessary, specific capabilities (as defined in connection requirements) of distributed devices connected to the grid of the future to ensure secure operation of the system. The concept shall be developed by a cross-committee project mapping the needs of the system, connection requirements and ongoing research and development in the field.

DECISIONS

TOP 8.2 Approval of PID for Concept for Controlling Distributed Devices (CCD)

- SOC approves the Concept for Controlling Distributed Devices PID.

9. Steering Group Operational Framework

The Steering Group Operational Framework Convener reminds that SOC asked TSOs and RCCs to develop conditions for TSOs' delegation of collecting their pan-European raw data for monitoring purposes to RCCs to fulfil ACER's requests. A decision on the actual delegation will be taken once conditions are defined. As part of the work, some definitions in annex II of the agreement signed between ENTSO-E and ACER have to be clarified among ACER's and RCC's/TSO's experts during a workshop planned for Q3 2023.

The Steering Group Operational Framework Convener provides updates on several activities related to the Network Code Emergency and Restoration, the wind eclipse project and also about the outcome of the CSA methodology public consultation process.

10. Steering Group System Resilience

The Working Group Risk Preparedness (WG RP) Convener informed that since the previous public consultation in May–June 2023, WG RP has worked closely with the EC and ACER to include model-based simulations of regional electricity crises in the RP Methodology. This has resulted in a detailed regional electricity crisis scenario update process that involves all relevant stakeholders, as well as descriptions of what shall be simulated and by whom. The final step before submitting the updated RP Methodology to ACER is a public consultation as required by Article 5(5) of the RP Regulation. One consultation was already run, however, the new proposed changes are substantial enough to necessitate a second public consultation.

11. Steering Group Operations

The Steering Group Operations Convener informs the SOC Members that OFGEM, the National Regulatory Authority (NRA) in GB, has tasked NGENSO to complete the GB LFC Block operational agreement, specifically, ramping restrictions for active power output. NGENSO has conducted informal discussions with Interconnectors and separately with TSO experts via the Subgroup Interconnected Synchronous Area (SG

ISA). NGESO will publicly consult in October 2023 on their proposed ramping option. OFGEM should then take a final decision on the ramp rate for the GB system interconnectors by the end of the year. NGESO has informed it foresees that the chosen option should apply at least until 2030.

Next to this activity, SG ISA also produced the “Technical Lookout on HVDC Support in 2022” report in line with the group’s mission to evaluate and report on HVDC support in the pan-European electricity grids and maintain the knowledge and expertise on HVDC operations and their impact on the system operation.

The Steering Group Operations Convener asks the SOC Members to approve the 2022 Annual Report of the Incident Classification Scale (ICS) that is prepared according to the Incident Classification Scale Methodology developed by ENTSO-E according to Article 15(1) of the Commission Regulation (EU) 2017/1485 of 2 August 2017 establishing a guideline on electricity transmission system operation (SO GL). ENTSO-E is obliged to publish the Incident Classification Report by 30 September on an annual basis.

The Steering Group Operations Convener reminds the SOC Members about the need to analyse more in detail the voltage management topic as specific issues have been raised in different fora. The project initiation document is proposed for SOC approval.

The Steering Group Operations Convener provides further updates on the status of ongoing projects.

DECISIONS

TOP 11.1 Approval of ENTSO-E position for HVDC Ramping with GB

- SOC approves the “Explanatory note on ramping limitation on HVDC”.

TOP 11.3 Approval of the Annual 2022 ICS Report

- SOC approves the “2022 Incident Classification Scale Annual Report” and its publication on the ENTSO-E website.

TOP 11.4 Approval of Voltage Management Project PID

- SOC approves the Project Initiation Document for the Voltage Management Project.

12. Steering Group Regional Coordination

The Steering Group Regional Coordination Conveners update the Members on the status of the Common Grid Model (CGM) process. Then, the Convener asks approval of the annual Report on Regional Coordination Assessment to fulfil the obligations from Art. 17 of System Operation Guideline (SOGL). The reporting concerns the tasks delegated to RCCs according to Art. 77 of the SOGL (CGM, CSA, OPC and STA).

The Steering Group Regional Coordination Conveners inform the members on the Network Code Common Information Model (CIM) Profiles for Coordinated Capacity Calculation (CCC), for Outage Planning Coordination (OPC) and for regional Short-Term Adequacy Assessment (STA) that are to be updated.

Further, the Steering Group Regional Coordination Conveners remind that the Common Grid Model Building Process (CGM BP) Implementation guide version 2.0 advises TSOs on the power system modelling necessary for the creation of Individual Grid Models (IGM), which are exchanged and used by the merging agent to perform the merging of IGMs into a Common Grid Model (CGM). The document is now submitted for approval.

DECISIONS

TOP 12.2 Approval of the Annual Regional Coordination Assessment report for year 2022 (SO GL art.17)

- SOC approves the Regional Coordination Assessment report for the year 2022 based on SO GL Art. 17.

TOP 12.4 Approval of the CGM Building Process Implementation Guide Edition 2.0

- SOC approves the CGM Building Process Implementation Guide (CGM BP IG) Edition 2.0 for publication on ENTSO-E website.

13. Approval of Minutes for Publication

DECISIONS

- SOC approves the Minutes of the 77th SOC meeting for publication.